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AHP 33,383-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Randall K. Holmes et al.

Appln. No. 09/806,370

Filed: October 3, 2001

For: MUTANT CHOLERA HOLOTOXIN
AS AN ADJUVANT

) Group Art Unit: 1647

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) Examiner:

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Commissioner for Patents
Washington, DC 20231

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) February 4, 2003

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit to the Examiner the attached Form PTO/SB/08A/B document listing and this paper pursuant to 37 CFR §1.56 and § 1.97-1.98. Form PTO/SB/08A/B is attached and copies of the references are enclosed herewith. This Information Disclosure Statement is submitted less than three months from the filing date of this application, and before the receipt of a first Office Action on the merits.

Express Mail No. EU260896421US

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REMARKS

Listed below are relevant documents cited in the International Search Report mailed on February 14, 2000 in the corresponding International Patent Publication No. WO 00/18434, published April 6, 2000. A copy of the Report is enclosed, together with a copy of document (9). Copies of documents (1)-(8) were submitted with the Information Disclosure Statement filed on October 3, 2002 with the present application.

- (1) International Patent Publication No. WO 97/29771, published August 21, 1997
- (2) Glineur et al., Infection and Immunity, 62(10): 4176-86 (October 1994)
- (3) Yamamoto et al., J. Exp. Med., 185(7):1203-10 (April 7, 1997)
- (4) International Patent Publication No. WO 97/02348, published January 23, 1997
- (5) Richards et al., Vaccine, 15(10): 1065-1069 (July 1, 1997)
- (6) Nedrud et al., Adv. Exp. Med. and Biol., 371(B):1595-1598 (1995)
- (7) International Patent Publication No. WO 97/05267, published February 13, 1997
- (8) International Patent Publication No. WO 98/45324, published October 15, 1998
- (9) Zhu et al., Abstract, Annual Meeting of the Professional Research Scientist for Experimental Biology, Washington D.C., March 12, 1999

Listed below are relevant documents cited in the International Search Report mailed on January 27, 2003 in the related International Patent Publication No. WO 02/098368, published December 12, 2002. A copy of the Report is enclosed, together with copies of documents (10), (11), (13), and (14). A copy of document (12) was submitted with the Information Disclosure Statement filed on October 3, 2002 with the present application.

- (10) Jobling et al., Proc. Natl. Acad. Sci. USA, 97(26):14662-14667 (December 19, 2000)
- (11) Pizza et al., Vaccine: 2534-2541 (March 21, 2001)
- (12) International Patent Publication No. WO 93/13202, published July 8, 1993



- (13) Giuliani et al., J. Exp. Med., 187(7): 1123-1132 (April 6, 1998)
- (14) Jobling et al., J. Bacteriol., 183(13): 4024-4032 (July 2001)

Listed below are relevant documents cited in the International Search Report mailed on January 27, 2003 in the related International Patent Publication No. WO 02/089369, published December 12, 2002. A copy of the Report is enclosed, together with copies of document (16). Document (15) is the same as document (14).

- (15) Jobling et al., J. Bacteriol., 183(13): 4024-4032 (July 2001)
- (16) International Patent Publication No. WO 95/17211 A1, published June 29, 1995

The Examiner is respectfully requested to consider the enclosed documents identified in this paper and in the attached Form PTO/SB/08A/B during the course of examination of this application.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,

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